ACCESSORIES AND BATTERIES

Professional Series

Motorola Original® Accessories let you make the most of your PRO Series portable radio's capabilities.

You made a sound business decision when you chose your Motorola PRO Series Professional Two-way radio. When you choose performance-matched Motorola Original® accessories, you're making another good call.

That's because every Motorola Original® accessory is designed, built and rigorously tested to the same quality standards as Motorola radios. So you can be sure that each will be ready to do its job, time after time — helping to increase your productivity. After all, if you take a chance on a mismatched battery, a flimsy headset, or an ill-fitting carry case, your radio may not perform at the moment you have to use it.

We're pleased to bring you this collection of proven Motorola Original® accessories for your important business communication needs. You'll find remote speaker microphones for more convenient control. Discreet earpiece systems to help ensure privacy and aid surveillance. Carry cases for ease when on the move. Headsets for hands-free operation. Premium batteries to extend work time, and more. They're all ready to help you work smarter, harder and with greater confidence.

PRO Series Professional Radios are a practical, reliable solution for keeping users communicating and keeping productivity high.

PRO SERIES PROFESSIONAL RADIOS

Motorola PRO Series Professional Portable Radios are the right choice for users with advanced communication needs. No matter what PRO portable you use, you'll enjoy the same exceptional quality and user-friendly functionality.

The PRO Series is composed of 4 robust portable radios tailored to meet the requirements of almost any organization. They offer unrivaled crystal-clear audio quality even in noisy surroundings, thanks to Motorola's X-Pand™ voice technology. In addition, they have all passed Motorola's grueling Accelerated Life Test which simulates five years of hard use in the field.

PRO5150 Radio

PRO7150 Radio

PRO9150 Radio

RLN4883
Vehicular
Travel Charger.
Radios sold separately.

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audio

PMMN4027
Remote Speaker Microphone with IP57 Rating

Windporting Remote Speaker Microphones

The Windporting feature of these microphones helps lessen background noise from high winds and other severe weather conditions. Audio can pass through the speaker grill even when the microphone port is blocked by water. Now public safety professionals can be more confident than ever of clear, understandable communication when Mother Nature is uncooperative. The Windporting Remote Speaker Microphones allow talking and listening without removing the radio from the belt or case. Both have a coiled cord, Push-to-Talk switch, swivel clip, and quick disconnect latch.

PMMN4021*	Remote Speaker Microphone with 3.5mm Audio Jack
PMMN4027*	Remote Speaker Microphone with IP57 Rating

Remote Speaker Microphone – RSM

This Remote Speaker Microphone is water-resistant and allows talking and listening without removing the radio from the belt or case. It has a coiled cord and Push-to-Talk switch. Clothing clip on the microphone back clips securely onto shirt or collar. Ideal for high-noise environments.

PMMN4039	Noise-Cancelling Remote Speaker Microphone with 3.5mm Audio Jack
HKN9055	Replacement Cable for Remote Speaker Microphone

RMN5055
Heavy-Duty Remote Speaker Microphone

Heavy-Duty Remote Speaker Microphone

Ideal for firefighters, police and other public safety professionals, this remote speaker microphone lets users talk and listen without removing the radio from the belt, case or charger. Designed with an exceptionally rugged housing for harsh environmental conditions. Controls include a Push-to-Talk (PTT) Button and Hi-Low Volume Control. Includes coiled cord, clothing clip, and audio jack.

RMN5055*	Heavy-Duty Remote Speaker Microphone with 3.5mm Audio Jack

*Intrinsically Safe (FM); CEPEL.

Public Safety Microphones:

Emergency professionals will appreciate the reliability of these microphones. They're designed to help increase coverage so users can communicate clearly and accurately.

RMN5035
UHF Public Safety Microphone

Public Safety Microphones – PSM

The newly designed Public Safety Microphones feature a straight cord assembly, 3.5mm earjack, swivel clip, quick disconnect latch, antenna connector and receive audio high/low toggle switch.

RMN5035*	UHF Public Safety Microphone with 30 inch Cord. Includes 450-470 MHz antenna.
RMN5036*	VHF Public Safety Microphone with 30 inch Cord Includes 148-174 MHz antenna.
RMN5075*	UHF Public Safety Microphone with 24 inch Cord Includes 450-470 MHz antenna.
RMN5076*	VHF Public Safety Microphone with 24 inch Cord Includes 148-174 MHz antenna.

Accessories for Remote Speaker Microphones and Public Safety Microphones

An earphone jack located on the microphone head allows the user to receive audio when used with the following earpieces. Compatible with PMMN4039, AAHMN9053, PMMN4021, RMN5035, RMN5036, RMN5075, and RMN5076. Features 3.5mm threaded earjack.

AARLN4885*	Receive-Only Covered Earbud with Coiled Cord.
RLN4941*	Receive-Only Earpiece with Translucent Tube and Rubber Eartip
WADN4190*	Receive-Only Flexible Earpiece

MicJackets

MicJackets provide speaker microphone users with a way to further protect the "head" of their microphone from dust, dirt, metal particles, sweat, body oils and other on-the-job grime. MicJackets also help make handling and interacting with the speaker microphone more hygienic.

RLN5009	MicJacket – Remote Speaker Microphone Fits PMMN4039.

*Intrinsically Safe (FM); CEPEL.

RLN5009

MicJacket – Remote Speaker Microphone

An earphone jack located on the microphone head allows the user to receive discreet audio when used with the earpieces shown here.

AARLN4885
Receive-Only Covered Earbud

RLN4941
Receive-Only Earpiece

WADN4190
Receive-Only Flexible Earpiece

audio

Surveillance Kits

Surveillance accessories allow the radio user to privately receive messages with the earpiece. They are ideal when environments require discreet communication.

1-WIRE SURVEILLANCE KITS

AARMN4021	Receive-Only Earpiece. Beige.
AARMN4028	Receive-Only Earpiece. Black.

2-WIRE SURVEILLANCE KITS

AARMN4022	Earpiece with Microphone and PTT Combined. Beige.
AARMN4029	Earpiece with Microphone and PTT Combined. Black.

3-WIRE SURVEILLANCE KITS

ENMN4017	Earpiece with Microphone and PTT Separate. Beige.
ENMN4014	Earpiece with Microphone and PTT Separate. Black.

Surveillance Kits with Extended-Wear Comfort Earpiece

These kits include a comfort earpiece with a rubber eartip and quick disconnect clear comfortable acoustic tube. Users hear transmissions clearly, while the clear tube provides a discreet appearance.

RLN5315	2-Wire, Earpiece w/Microphone and PTT Combined. Black.
RLN5316	2-Wire, Earpiece w/Microphone and PTT Combined. Beige.
5080370E97	Standard Rubber Eartips, Clear. Pack of 25.

Quick Disconnect Noise Kits

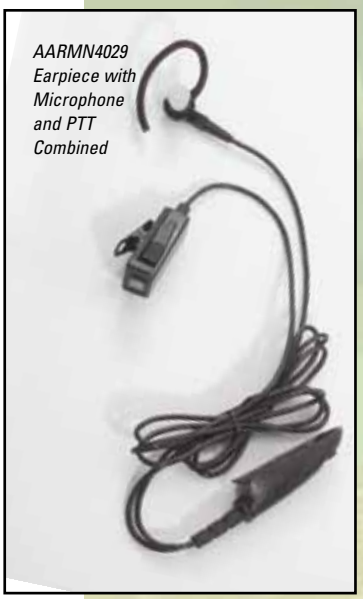
Extreme Noise Kits provide extra comfort and/or noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to Motorola surveillance accessories to provide flexibility and comfort, which now includes a new quick disconnect adapter. The Quick Disconnect Adapter allows users, especially those in multiple shift operations, to easily remove or alternate acoustic tubes. Clothing clip prevents accessory from being pulled from the ear due to body movement or head rotation. For optimal performance, Extra Loud Earphones are recommended.

RLN6230	Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Black.
RLN6231	Extreme Noise Kit. Includes 2 foam earplugs For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Beige.
RLN6232	Low Noise Kit - Clear Acoustic Tube Assembly Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Black.
RLN6241	Low Noise Kit - Clear Acoustic Tube Assembly Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Beige.
5080369E39†	Extra Loud Earphone. Beige.
5080370E91†	Extra Loud Earphone. Black.

REPLACEMENT ACCESSORIES

RLN6242	Quick Disconnect Acoustic Tube Replacement
5080384F72	Replacement Foam Plugs. For RLN6230 and RLN6231. Noise reduction = 24dB. Pack of 50.
5080370E97	Replacement Standard Clear Rubber Eartips. Pack of 25. For RLN6232 and RLN6241.

*Intrinsically Safe (FM).
†Extra loud earphone (exceeds OSHA limits).



AARMN4029 Earpiece with Microphone and PTT Combined

RLN6230 Extreme Noise Kit

RLN6241 Low Noise Kit

Completely Discreet Earpiece:

Enables private communication without visible equipment. The receiver is hidden in the ear, where it can be worn comfortably for long periods of time.

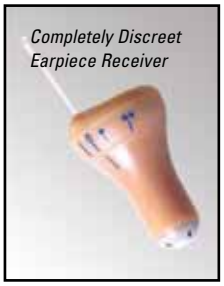
RLN4922 Completely Discreet Earpiece Kit

Completely Discreet Earpiece

Enables users to communicate with ease, in full privacy, without visible equipment. This miniaturized receiver is discreetly hidden in the ear, where it can be worn comfortably for long periods of time. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. Average battery life is approximately 100 hours and includes an end-of-life warning signal when the battery needs to be changed. Kit includes wireless receiver, inductive neckloop, 6 spare batteries and 5 spare earguards. For use with any standard 2 or 3-Wire Motorola Surveillance Kit.

RLN4922	Completely Discreet Earpiece Kit
RLN4919	Replacement Earguards. 5 per pack.
RNN4005	Replacement 1.4 Volt Batteries. 6 per pack.

The Completely Discreet Earpiece is easy to use. Simply remove the earpiece from any standard 2 or 3-Wire Motorola Surveillance Kit and plug in the neckloop, which is easily hidden under clothing. Security personnel will be able to wear this tiny receiver comfortably for hours at a time!



Completely Discreet Earpiece Receiver

Flexible Ear Receiver

This receive-only earpiece contains a flexible earloop and speaker which rests external to the ear. It plugs directly into adapter or the earjack on speaker microphones.

ENMN4013*	Flexible Ear Receiver
7580372E11	Replacement Foam Ear Cushion

ENMN4013 Flexible Ear Receiver

Clear Comfortable Earpieces

The Clear Comfortable Earpiece forms to the inside of the ear and is perfect for low noise environments. It's made of easy-to-clean, chemically-inert, hypo-allergenic material. Compatible with RLN6232 and all Noise and Surveillance Kits.

RLN4760	Small Custom Earpiece - Right Ear
RLN4761	Medium Custom Earpiece - Right Ear
RLN4762	Large Custom Earpiece - Right Ear
RLN4763	Small Custom Earpiece - Left Ear
RLN4764	Medium Custom Earpiece - Left Ear
RLN4765	Large Custom Earpiece - Left Ear

From left to right, top to bottom:

RLN4765
RLN4762
RLN4764
RLN4761
RLN4763
RLN4760

*Intrinsically Safe (FM); CEPEL.

BDN6677
EMS with
PTT Interface Module

Ear Microphone System – EMS

This compact, lightweight unit picks up sound through bone vibrations in the ear. The miniature earpiece leaves the hands free and face unobscured, good for rescue and emergency personnel that must retain the ability to help, hear and speak directly to others, those not on the c ommunication system. EMS may be worn with protective masks without reduction in sound clarity. It's ideal for high-noise environments. PTT or Voice-Activated (VOX) Interface Module required, sold separately.

BDN6677*	EMS with PTT Interface. Black. For standard noise levels (up to 95dB).
BDN6678*	EMS with PTT Interface. Beige. For standard noise levels (up to 95dB).
BDN6641*	EMS with PTT Interface. Grey. For high-noise levels (up to 105dB).
0180305J46	Training CD-ROM For EMS and Temple Transducer.
AARMN4044*	Push-to-Talk Only Interface Module
AARMN4045*	Push-to-Talk or Voice-Activated Interface Module. VOX operational only on conventional channel.

0180300E25
Earguard with
Adjustable Loop

OPTIONAL ACCESSORIES FOR EMS

0180358B38*	Remote Push-to-Talk Ring Switch
0180300E83*	Remote Push-to-Talk Body Switch
0180300E25	Earguard with Adjustable Loop
0180358B32	Earholder. Black, small. Secures Ear Microphone in ear.
0180358B33	Earholder. Black, medium. Secures Ear Microphone in ear.
0180358B34	Earholder. Black, large. Secures Ear Microphone in ear.
0180358B35	Earholder. Clear, small. Secures Ear Microphone in ear.
0180358B36	Earholder. Clear, medium. Secures Ear Microphone in ear.
0180358B37	Earholder. Clear, large. Secures Ear Microphone in ear.
4202006A01	Replacement Back Cover Clip
4285838B01	Replacement Collar Clip
4280369E44	Replacement Belt Clip with Screws
5080358B28	Eartips. Black, medium. Pack of 10.
5080358B29	Eartips. Black, large. Pack of 10.
5080358B30	Eartips. Beige, medium. Pack of 10.
5080358B31	Eartips. Beige, large. Pack of 10.

BDN6641
EMS with
PTT Interface

*Intrinsically Safe (FM).

Temple Transducer:

Representing a significant achievement in headset design and functionality, it allows the user to receive audio without covering the ear.

Temple Transducer

The receiver portion of this accessory rests on the temples and is capable of converting the receive audio from a two-way radio into sound vibration. Sound vibration is transmitted through the surrounding tissue and bone directly into the inner ear. It features an In-line PTT and noise-cancelling boom microphone. The Temple Transducer can help enhance communication and safety by allowing external sounds, such as machinery and equipment, warning and fire alarms, the intercom, traffic and even casual conversations with co-workers. In high-noise environments it allows the use of earplugs.

RMN4048*	Temple Transducer
RMN5048*	Rugged Temple Transducer
0180305J46	Training CD-ROM. For EMS and Temple Transducer.

CommPort™ Integrated Microphone/Receiver System

The CommPort System's advanced, self-adjusting microphone and miniature receiver connect to a two-way radio and make it possible to communicate under the most adverse conditions. A variety of Push-to-Talk options allow the user to customize the CommPort system.

NTN1722*	Integrated Ear Microphone/Receiver System with PTT on Radio Adapter. Includes Radio adapter AAHLN9717.
NTN1723*	Integrated Ear Microphone/Receiver System with Palm PTT. Includes Radio adapter AAHLN9717.
NTN1724*	Integrated Ear Microphone/Receiver System with Ring PTT. Includes Radio adapter AAHLN9717.
NTN1737*	Integrated Ear Microphone/Receiver System with Snap-On-Side PTT. Includes Radio adapter AAHLN9717.
NNTN4187*	Integrated Ear Microphone/Receiver System with Body PTT. Includes Radio adapter AAHLN9717.

COMMPORT REPLACEMENT PARTS

NKN6508	Replacement Cable for NTN1722
NKN6510	Replacement Palm PTT Cable for NTN1723
NKN6512	Replacement Ring PTT Cable for NTN1724
NKN6525	Replacement Snap-on-Side PTT Cable for NNTN4187
NTN8821	CommPort Maintenance Kit. Includes 10 replacement ear tubes, 10 microphone seal strips and 2 windscreens.
NTN8986	Adhesive Pads. For secure attachment to ear. Pack of 90.
NTN8988	Ear Straps. For secure attachment to ear. Pack of 10.
RLN5037	Replacement Ear Tubes. Pack of 10.

*Intrinsically Safe (FM); CEPEL.

RMN4048
Temple Transducer

RMN5048
Rugged Temple Transducer

CommPort Integrated Ear Microphone/ Receiver System with Palm PTT

audio

Receive-Only Headsets

These headsets are the right choice for high-noise environments where users must hear information clearly, but seldom need to transmit. Dual-Muff headsets feature easily replaceable earseals filled with a liquid and foam combination to provide excellent protection from outside noise as well as comfort. For use with PMMN4039, RMN5035, RMN5036, RMN5075, RMN5076 and PMMN4021.

RMN4054	Hardhat Mount Style Headset. Mounts easily to hardhats (not included) with slots. Noise Reduction = 22dB.
RMN4055	Headband Style Headset Noise Reduction = 24dB.

RMN4055
Headband Style Headset

D-Style Earset

The D-Style Earset is designed to ensure comfort of use while providing an elegant, sleek appearance. This lightweight, comfortable earset can be worn on either ear and allows for hands free communication with excellent audio clarity through the large speaker. Includes a flexible boom microphone and In-line Push-to-Talk button with built-in VOX switch for ease or use.

PMLN4653	D-Style Earset with Flexible Boom Microphone, In-Line PTT, VOX Switch

PMLN4653
D-Style Earset

Lightweight Headsets

Lightweight headsets provide high-clarity, hands free, discreet two-way communication, while maintaining the comfort necessary for extended-wear in moderate noise environments.

AARMN4018*	Single-Muff, Adjustable, Lightweight Headset with Boom Microphone, In-Line PTT Switch
AARMN4031*	Lightweight Headset with Swivel Boom Microphone, no In-Line PTT
ENMN4012*	Ultra-Light Headset, Behind-the-Head Style with Flexible Boom Microphone, In-Line PTT
AARMN4017*	Ultra-Light Headset with Boom Microphone Earbud Style Receiver
REX4648	Replacement Foam Earpad and Windscreen For AARMN4018, and AARMN4031.

AARMN4017
Ultra-Light Headset with Boom Microphone

Racing Headset

This heavy-duty headset can be worn with most hardhats. It's ideal for high-noise environments, racing teams like CART® use it in the pits for dependable communication. Adapter required.

RMN5015	Racing Headset
RKN4091	Adapter Cable for RMN5015

NFL® Style Headsets

NFL® Style Headsets are similar to the headsets worn by Coaching Staff in the NFL.

RMN5047	NFL® Style Single-Muff, Heavy-Duty Headset with Swivel Boom Microphone
AAHLN9716	Adapter Cable

RMN5047
NFL® Style Single-Muff, Heavy-Duty Headset with Swivel Boom Microphone

*Intrinsically Safe (FM).

Tactical Headband Style Headset:

Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort in high-noise environments.

RMN4053 Tactical Hardhat Mount Headset, hardhat not included.

Medium Weight Headsets

Medium Weight Dual-Muff headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, clear, communication in harsh, noisy situations.

AARMN4019*	Medium Weight, Dual-Muff, Headset, Over-the-Head Style Headset with In-Line PTT and Noise-Cancelling Swivel Boom Microphone. Noise Reduction = 24dB.
AARMN4032*	Medium Weight, Dual-Muff, Headset, Over-the-Head Style Headset with Noise-Cancelling Swivel Boom Microphone. Noise Reduction = 24dB. VOX operational only on conventional channel.
ENMN4016*	Medium Weight, Dual-Muff, Behind-the-Head Style Headset with Swivel Boom Microphone and In-Line PTT. Noise Reduction = 24dB.
RMN4051	Medium Weight, Dual-Muff, Two-way, Hardhat Mount Headset with Noise-Cancelling Boom Microphone
RKN4097	In-Line PTT Adapter Cable. For RMN4051.

MEDIUM WEIGHT HEADSET REPLACEMENT PARTS

1580376E32	Replacement Cloth Covers Earseals. 1 pair.
3280376E35	Replacement O Ring for Windscreen
5080548E02	Replacement Windscreen for Boom Microphone
7580376E34	Replacement Foam Ear Seals. 1 pair.

RMN4052 Tactical Headband Style Headset

Tactical Medium Weight Headsets

Ideal for two-way communication in extremely noise environments. Dual-Muff, tactical headsets have 2 microphones on the outside of the earcups which reproduce ambient sound back into headset. Harmful sounds are suppressed to safe levels and low sounds are amplified up to 5 times original level, but never more than 82dB. Has on/off volume control on earcups. Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort. 3-foot coiled cord assembly included. Adapter Cable RKN4097 required. Hardhat not included.

RMN4052	Tactical Headband Style Headset. Grey, Noise Reduction = 24dB.
RMN4053	Tactical Hardhat Mount Headset. Grey, Noise Reduction = 22dB.
RKN4097	Adapter Cable with In-Line Push-to-Talk For use with RMN4052, and RMN4053.

Heavy-Duty Headset

Includes a noise-cancelling boom microphone and can be worn with or without a hardhat. The Push-to-Talk switch is located on the earcup. On voice-activated models, the VOX module is contained within the headset. Requires adapter AAHLN9716, sold separately.

AARMN4020*	Push-to-Talk or Voice-Activated Headset with Noise-Cancelling Boom Microphone. Noise Reduction = 24dB. VOX operation on conventional channel only.
AAHLN9716	Adapter Cable

*Intrinsically Safe (FM).

AARMN4020 Push-to-Talk or Voice-Activated Headset with Noise-Cancelling Boom Microphone

PRO Series Portable Radios

carry accessories

Carry Cases

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Belt loop and nylon cases feature "D" rings that allow the cases to be attached to a carrying strap. Swivel model cases secure to a belt loop and allow the case to swing freely from side to side. The swivel latch system also allows the radio and case to be removed from the belt loop by simply inverting the case and lifting it up and out of the belt loop.

HLN9701 Nylon Carry Case with Belt Loop

PRO5x50 STANDARD MODEL

HLN9665	Leather Carry Case with Belt Loop For use with NiCd and NiMH batteries.
HLN9652	Leather Carry Case with Belt Loop For use with Li-Ion batteries.
HLN9676	Leather Carry Case with Swivel For use with NiCd and NiMH batteries.
HLN9670	Leather Carry Case with Swivel For use with Li-Ion batteries.
HLN9701	Nylon Carry Case with Belt Loop For use with NiCd, NiMH, and Li-Ion batteries.

PRO7x50 KEYPAD/ALL MODELS

HLN9689	Leather DTMF Case with Belt Loop For use with NiCd and NiMH batteries.
HLN9677	Leather DTMF Case with Belt Loop For use with Li-Ion batteries.
HLN9694	Leather DTMF Case with Swivel For use with NiCd and NiMH batteries.
HLN9690	Leather Carry Case with Swivel For use with Li-Ion batteries.
HLN9701	Nylon Carry Case with Belt Loop For NiCd, NiMH, and Li-Ion batteries.

LIMITED-KEYPAD MODELS

HLN9946	Hard Leather Carry Case with Belt Loop For use with NiCd and NiMH batteries.
HLN9945	Hard Leather Carry Case with Belt Loop For use with Li-Ion batteries.
HLN9998	Hard Leather Carry Case with Swivel Belt Loop For use with NiCd and NiMH batteries.
HLN9955	Hard Leather Carry Case with Swivel Belt Loop For use with Li-Ion batteries.

PRO9150 STANDARD MODELS

HLN9698	Leather DTMF Case with Belt Loop. For use with NiMH and NiCd batteries.
HLN9695	Leather DTMF Case with Belt Loop. For use with Li-Ion batteries.
HLN9700	Leather DTMF Case with Swivel. For use with NiMH and NiCd batteries.
HLN9699	Leather DTMF Case with Swivel. For use with Li-Ion batteries.
HLN9701	Nylon Carry Case with Belt Loop. For NiCd, NiMH, and Li-Ion batteries.

HLN9946 Hard Leather Carry Case with Belt Loop

HLN9694 Leather DTMF Case with Swivel Belt Loop

Carry Accessories:

You'd be surprised how much time can be saved when a radio is always in the same place — made easy by this versatile selection of Motorola Original® carry accessories.

HLN9844
Spring Action
2 Inch Belt Clip

NTN8039
2.5 Inch
Leather Swivel
Belt Loop

NTN8040
3 Inch Leather
High-Activity
Swivel Belt Loop

Carry Accessories

Organized types love the convenience of Motorola Original® carrying accessories — and no wonder. They can help assure your two-way radios are always good to go.

CARRYING CASE BELT LOOPS

NTN8039	2.5 Inch Leather Swivel Belt Loop
NTN8040	3 Inch Leather Swivel Belt Loop
4200865599	1.75 Inch Wide Leather Belt. For all Models

BELT CLIPS

HLN9714	Spring Action 2.5 Inch Belt Clip
HLN9844	Spring Action 2 Inch Belt Clip

CARRYING STRAP

NTN5243	Adjustable, Black Nylon Carrying Strap Attaches to D-ring on cases.

WATERPROOF BAG

HLN9985	Waterproof Bag with Large Strap

MISCELLANEOUS

RLN4890	Assistive Turning Knobs
TDN9327	Portable Radio Hanger For door panels up to 2.75 inches.
TDN9373	Portable Radio Hanger For door panels up to 2.75 to 3.25 inches.

4200865599
1.75 Inch Wide Leather Belt

NTN5243
Adjustable, Black Nylon
Carrying Strap

RLN4890
Assistive Turning
Knobs

PRO Series Portable Radios

carry packs

Universal Chest Pack

Motorola Original® Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. Universal Chest Pack fits most radios.

HLN6602	Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch.
1505596Z02	Replacement Strap for HLN6602

HLN6602 Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

Break-A-Way Chest Pack

All the features of the original Universal Chest Pack plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

RLN4570	Break-a-Way Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch.
1505596Z02	Replacement Strap for RLN4570

RadioPAk™

The RadioPAk is lightweight and comfortable. Worn around the waist, it keeps radios/phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.

RLN4815	RadioPAk Radio/Utility Case
4280384F89	RadioPAk Extension Belt For waists larger than 40 inches.

RLN4815 RadioPAk

Unlike rigid holders, the universal-fit RadioPAk is lightweight and comfortable. An ideal companion for two-way radios, as well as iDEN® portables and cellular phones.

Motorola Batteries:

Motorola batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance.

batteries

IMPRES™ Batteries

IMPRES™ batteries, when used with an IMPRES™ charger, provide automatic, adaptive reconditioning, end-of-life display and other advanced features. Data is stored in the battery and communicated to the charger via a unique IMPRES™ communication protocol which is designed to maximize talk-time and optimize battery cycle life – all automatically.

HNN4001	NiMH, 1800 mAh, 7.2 Volt
HNN4002	NiMH, 1690 mAh, 7.2 Volt. Intrinsically Safe.
HNN4003	Li-Ion, 2000 mAh, 7.2 Volt

Motorola Original® Batteries

Motorola Original® Batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance. We offer various chemistry and capacity alternatives, allowing the user to select the ideal battery for his or her needs. NiCd is best suited for extreme-temperature operation, and provides the maximum number of charge/discharge cycles. Li-Ion batteries offer extended duty cycles – providing more talk time per shift.

	PREMIUM NICKEL CADMIUM - NiCd
HNN9011_R	NiCd, 1550 mAh, 7.5 Volt. Intrinsically Safe.
HNN9012_R	NiCd, 1300 mAh, 7.5 Volt
	PREMIUM NICKEL METAL HYDRIDE - NiMH
HNN9008_R	NiMH, 1500 mAh, 7.5 Volt
HNN9009_R	NiMH, 1900 mAh, 7.5 Volt
HNN9010_R	NiMH, 1800 mAh, 7.5 Volt. Intrinsically Safe.
	PREMIUM LITHIUM ION - Li-Ion
HNN9013D_R	Li-Ion, 1500 mAh, 7.5 Volt
	POWER NICKEL METAL HYDRIDE - NiMH
WPNN4045_R	NiMH, 1200 mAh, 7.5 Volt
	CLAMSHELL
NNTN5332	Disposable Clamshell Battery. Black. Requires 12 AA Batteries, not included.

antennas

Flexible Whip Antennas

Flexible Whip Antennas have a one-piece finish, steel core, and spiral wound conductor for optimal radiation characteristics.

8504762J01	VHF, 1/4 Wave Flexible Whip, 136-155 MHz, 5.5 Inch
NAD6579	VHF, Flexible Whip 148-161 MHz, 7.5 Inch
PMAD4023	VHF, Flexible Whip, 150-161 MHz, 5.5 Inch
8504762J02	VHF, 1/4 Wave Flexible Whip, 155-174 MHz, 5.5 Inch
NAE6483_R	UHF, Flexible Whip, 403-520 MHz, 6 Inch
NAD6502_R	VHF, Heliflex 150-162 MHz, 6 Inch
NAB6064	Low Band, Heliflex 29.7-50 MHz, 12 Inch

Stubby Antennas

Stubby antennas are ideal when the radio is worn on the belt because they are short and non-obtrusive. These rugged, helical antennas feature a capless sheath that allows for maximum flexibility.

PMAD4012	VHF, Stubby, 136-155 MHz, 3.5 Inch
PMAD4025	VHF, Stubby, 150-161 MHz, 3.5 Inch
PMAD4013	VHF, Stubby, 155-174 MHz, 3.5 Inch
PMAE4002	UHF, Stubby, 403-433 MHz, 3.5 Inch
PMAE4003	UHF, Stubby, 430-470 MHz, 3.5 Inch

Retrofit Boards

AAHLN9725	Voice Storage Option Board - Field Install Only
AAHLN9729	DTMF Decode Option Board - Field Install Only

PRO Series Portable Radios

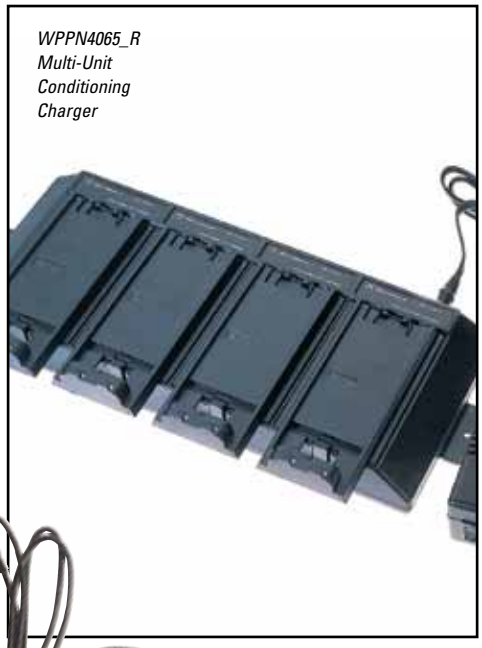
chargers

AAHTN3000 Single-Unit, Rapid-Rate Charger

Single-Unit, Rapid-Rate, Universal Chargers

Single-Unit Chargers can rapidly charge batteries on or off the radio in one to three hours. These tri-chemistry chargers feature rapid, trickle, and maintenance modes. The maintenance mode "revert to rapid" feature ensures batteries remain fully charged even when left on the charger for extended periods of time. All chargers are specifically designed to meet the requirements of batteries manufactured by Motorola.

AAHTN3000	Single-Unit, Rapid-Rate Charger, 120 Volt, US plug
HLN9793	Charger Insert Spacer. Compatible with "A" version Chargers only.
HLN9794	Charger Insert Spacer. Compatible with "B", "C" and "D" version Chargers.



WPPN4065_R Multi-Unit Conditioning Charger

Motorola Conditioning Chargers – MCC

The MCC features Instant Fault Detection technology that detects faulty batteries in seconds. You'll know right away when a battery won't operate at peak performance - saving you time and trouble. Each unit rapidly charges NiCd and NiMH batteries and optimizes battery performance. It's patented negative pulse charging process minimizes overheating and overcharging, extending useful battery life. Batteries can be left on the charger for extended periods of time, without worry of heat build-up. Optional accessories are available that allow the MCC to be used in both AC and DC environments – that's flexibility.

WPLN4107_R	Charger Kit, 120 Volt AC. Includes both Base Charger Unit and 7 Volt Adapter Plate.
WPLN4106_R	Charger Kit, 220 Volt AC. Includes both Base Charger Unit and 7 Volt Adapter Plate.
WPPN4065_R	Multi-Unit Conditioning Charger, 4-Station Base, 120 Volt. Adapter Plate sold separately.
WPPN4082_R	7 Volt Adapter Plate
3080384G15	Vehicular Power Adapter
RLN4814	Vehicular Mounting Bracket and Hard Wire Cable For Single-Unit Motorola Conditioning Chargers. Includes DC Hard Wire Cable 3080384M21.
3080384M21	DC Hard Wire Cable. For vehicular installation

RLN4814 Vehicular Mounting Bracket and Hard Wire Cable

IMPRES™ Smart Energy System:

The IMPRES Smart Energy System automatically reconditions IMPRES batteries based on actual usage.

IMPRES Smart Energy Systems

IMPRES Chargers

Through the use of advanced charging algorithms and automatic reconditioning features, the IMPRES Smart Energy System ensures maximum talk-time and optimized battery cycle life. This smart energy system automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. Talk-time and cycle life are optimized and the need for manual maintenance programs is eliminated. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring the damaging heat build-up which can decrease battery cycle life. In addition, batteries left in the charger are kept fully charged so they are always ready when needed. This rapid-rate, tri-chemistry charging system will also charge compatible non-IMPRES batteries and supports multiple radio platforms.

WPLN4182	IMPRES Single-Unit Charger, 120 Volt - US
WPLN4183	IMPRES Single-Unit Charger, 240 Volt - UK
WPLN4184	IMPRES Single-Unit Charger, 220 Volt - Euro
WPLN4186	IMPRES Single-Unit Charger, 220 Volt - Arg
WPLN4187	IMPRES Multi-Unit Charger, 120 Volt - US
WPLN4188	IMPRES Multi-Unit Charger, 240 Volt - UK
WPLN4189	IMPRES Multi-Unit Charger, 220 Volt - Euro

WPLN4187
IMPRES
Multi-Unit Charger

WPLN4182
IMPRES
Single-Unit Charger

IMPRES Multi-Unit Chargers with Display Modules

Charger Display Modules provide powerful, "real time" analyzing information for IMPRES batteries, including current charge status, battery mAh, and voltage. Readout displays battery kit number, serial number and chemistry and the time remaining to complete the charge for NiCd and NiMH batteries. 120 Volt.

WPLN4192	IMPRES Multi-Unit Charger with Display Modules, US plug
NLN7967	Wall Mount for Multi-Unit Charger

WPLN4192
IMPRES
Multi-Unit Charger with Display Modules

IMPRES Individual Charger Display Module

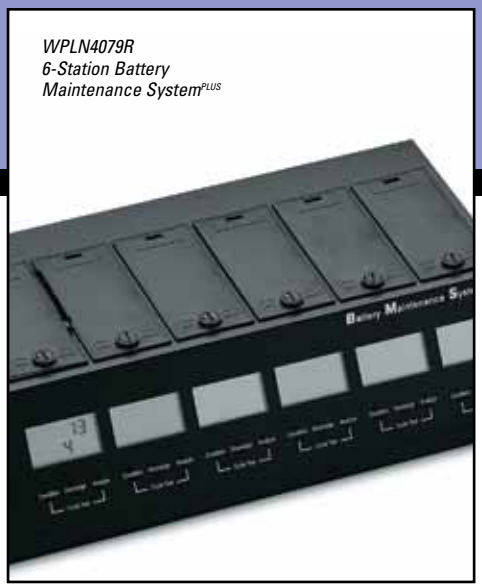
This module is compatible with the standard IMPRES Multi-Unit Chargers WPLN4187, WPLN4188 and WPLN4189. Up to 6 modules can be used per charger, one for each charging pocket. Includes detailed installation instructions.

RLN5382	Charger Display Module for IMPRES Multi-Unit Charger Version 1.3 or Later.

Note: Display Modules compatible with Multi-Unit Charger version 1.2 or earlier require a software flash update. Version number is located on label on the bottom of the IMPRES Multi-Unit charger. If no version is shown, it is earlier than version 1.2. Version 1.2 will appear as V1.20, 1.3 will appear as V1.30, etc.

PRO Series Portable radios

battery analyzers



WPLN4079R
6-Station Battery Maintenance System[PLUS]

Battery Maintenance System[PLUS] – BMS[PLUS]

Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMS[PLUS] is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-Ion batteries (Li-Ion 6-station units only) and tracks better voltage and capacity (mAh). Its easy-to-use design supports hundreds of two-way, cellular and camcorder batteries. The BMS[PLUS] has a 3-year warranty and includes serial printer* port (RS-232).

WPLN4079_R	6-Station BMS[PLUS], 110V, AC, 50/60 Hz - US Plug
WPLN4080_R	6-Station BMS[PLUS], 230V, AC, 50/60 Hz - Euro Plug
WPPN4085_R	BMS[PLUS] Li-Ion Field Upgrade Kit. Upgrades WPLN4079_R, WPLN4080_R,
WPLN4081_R.	Allows units to support Li-Ion batteries.
NDN4005	3-Station BMS[PLUS], 110V, AC, 50/60 Hz. Does not support Li-Ion or 3-cell batteries.
NDN4006	3-Station BMS[PLUS], 230V, AC, 50/60 Hz. Does not support Li-Ion or 3-cell batteries.

BMS[PLUS] ADAPTERS

WPPN4079_R	Adapter. For NiCd and NiMH batteries.
WPPN4080_R	Adapter. For NiCd, NiMH, and Li-Ion batteries. Requires Li-Ion capable BMS[PLUS].

*Compatible with the STAR Micronics SP200 Series printers (and other printers with STAR emulation); available from STAR Micronics distributors.

NDN4005
3-Station Battery Maintenance System[PLUS]

Battery Optimizing System II – BOS II

No other battery analyzer matches the speed, accuracy, versatility and ease-of-use of the BOS II in providing powerful analyzing capabilities. Users can select from 12 pre-programmed service programs making it quick and easy to get up and running. Because the BOS II is programmable, users can create custom programs to perform a wi de variety of tasks specific to individual needs. New enhancements include new navigation keys and an improved, more intuitive menu system. Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

- Support for NiCd, NiMH, Li-Ion, and SLA batteries 100W Power Supply programmable from 100 mAh to 4 Amps per station
- Interchangeable Adapters accommodate all major brands
- Includes a variety of Programs and allows customizable programming
- Proprietary Recondition Cycle restores NiCd and NiMH batteries
- Increased processing power and testing resolution – including a Three-minute Quicktest™ that measures the batteries' State of Health (SoH) Printer Output for reports and labels
- Three-year Warranty

WPLN4124_R	BOS II, 4-Station, 90-264V, AC, US Plug. Adapter Plates Required.
WPLN4125_R	BOS II, 4-Station, 90-264V, AC, Euro/UK Plug. Adapter Plates Required.

BOS ADAPTERS

RL-76345	Standard Adapter for BOS I
RL76340	Standard Adapter for BOS II

WPLN4124_R
4-Station Battery Optimizing System II

Vehicular Travel Chargers:

Always a great traveling companion for Road Warriors, travel chargers can help ensure constant communication while on the road.

vehicular chargers

Vehicular Travel Charger

A great traveling companion that ensures constant communication while on the road. Its small compact design allows the radio to be used while rapid charging in the charger base. Unit includes a voltage regulated vehicular charger adapter, custom charger base, mounting bracket and coil cord.

RLN4883	Vehicular Travel Charger Includes Mounting Bracket 0780384K84.
RLN5914	Travel Charger Mounting Bracket Kit Includes screws and nylon cord.

TRANSFORMERS FOR TRAVEL CHARGER

2580600E05	Transformer, 120V - US
2580600E06	Transformer, 230V - Euro
2580600E07	Transformer, 230V - UK
2580600E08	Transformer, 220V - Argentina

RLN4883
Vehicular Travel Charger, radio sold separately.

Vehicular Charger

This 12 Volt DC rapid-rate charger is ideal for mobile customers. Capable of charging NiCd, NiMH, and Li-Ion batteries. This durable unit comes with a metal mounting bracket. Its drop-in design makes it ideal for public safety users.

RLN5233	Vehicular Charger

RLN5233
Vehicular Charger

Vehicular Adapters

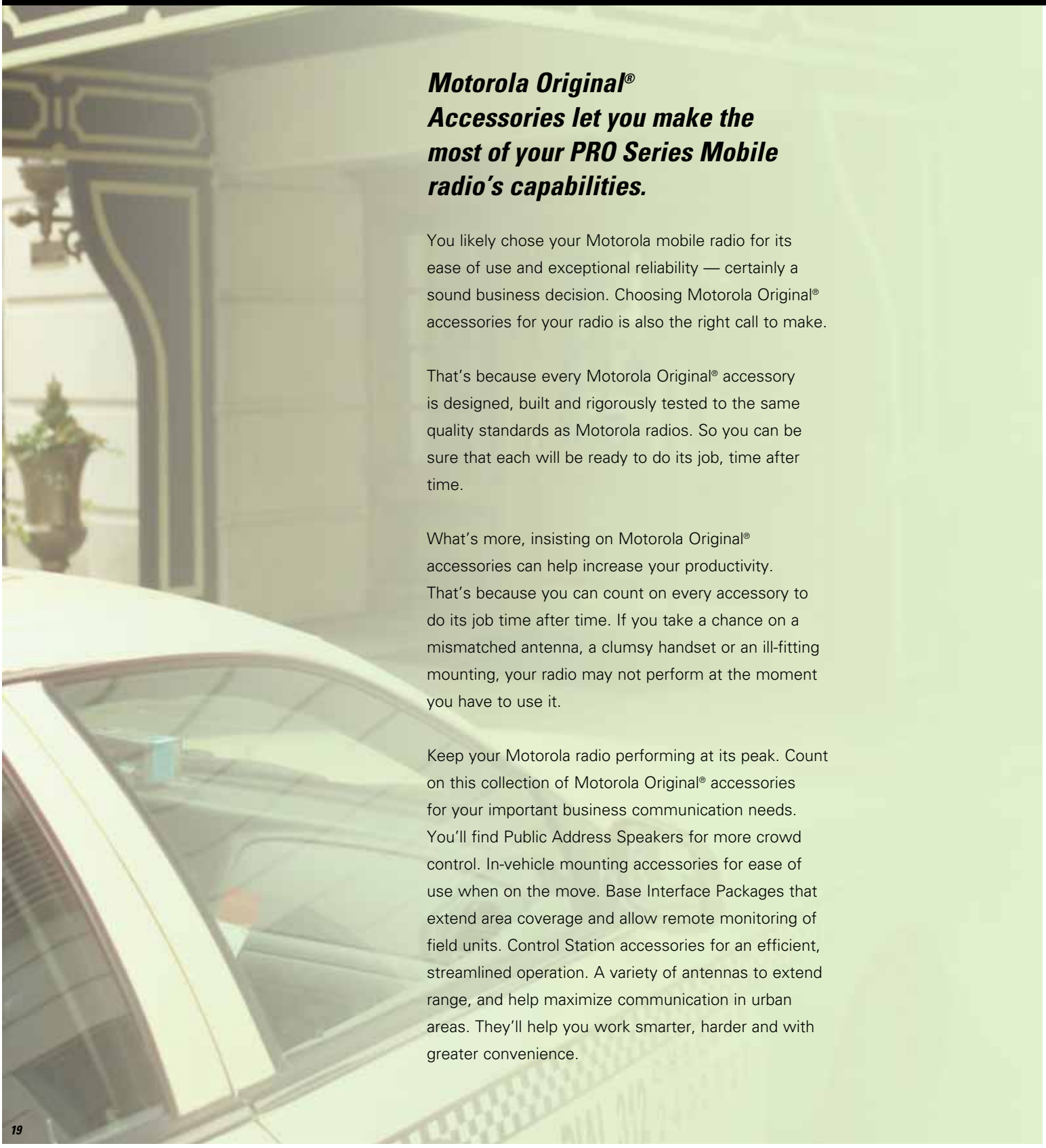
Now customers working in areas such as Public Safety and Utilities can both charge and operate portable two-way radios inside a vehicle. These Vehicular Adapters detect the chemistry of the portable battery and select the optimum charging method while providing power for in-vehicle use. In addition, an Antenna Adapter allows automatic switching to an external Vehicle-mounted Antenna (sold separately) for extended range. These kits include the Vehicle Adapter, Microphone, RF Adapter, Battery Spacers, Technical Installation Manual, and Programming Software. 3db gain antennas are recommended for use with these vehicular adapters.

AAEN1006	VHF Vehicular Adapter, 136-174 MHz
AAEN1007	UHF Vehicular Adapter, 403-470 MHz
5880367B23	Connector Adapter, BNC Female
5880367B28	Connector Adapter, BNC Male
ENKN4002	Programming Cable. Required for use with external speaker or PRO7150 operation.
ENKN4003	Audio Service Cable. For use with PRO7150 RLN4460 test box.
GSN6059	External 13-Watt Speaker
GKN6270	Power Cable with 10A Fuse

REPLACEMENT PARTS & MANUALS

ENLN4103	VHF Antenna Adapter, 136-174 MHz
ENLN4104	UHF Antenna Adapter, 403-470 MHz
GMN6146	Hand-held Mobile Microphone
ENLN4117	Vehicle Connector Kit
WALN4078	Battery Spacer Kit
8264934B01	Programming Software
6881093C78	User Manual
6881093C79	Technical Manual

AAEN1006
VHF
Vehicular Adapter, Remote Speaker Microphone included.



Motorola Original® Accessories let you make the most of your PRO Series Mobile radio's capabilities.

You likely chose your Motorola mobile radio for its ease of use and exceptional reliability — certainly a sound business decision. Choosing Motorola Original® accessories for your radio is also the right call to make.

That's because every Motorola Original® accessory is designed, built and rigorously tested to the same quality standards as Motorola radios. So you can be sure that each will be ready to do its job, time after time.

What's more, insisting on Motorola Original® accessories can help increase your productivity. That's because you can count on every accessory to do its job time after time. If you take a chance on a mismatched antenna, a clumsy handset or an ill-fitting mounting, your radio may not perform at the moment you have to use it.

Keep your Motorola radio performing at its peak. Count on this collection of Motorola Original® accessories for your important business communication needs. You'll find Public Address Speakers for more crowd control. In-vehicle mounting accessories for ease of use when on the move. Base Interface Packages that extend area coverage and allow remote monitoring of field units. Control Station accessories for an efficient, streamlined operation. A variety of antennas to extend range, and help maximize communication in urban areas. They'll help you work smarter, harder and with greater convenience.

PRO Series Professional Radios offer high performance and rugged dependability for users on the move.

PRO SERIES OF PROFESSIONAL RADIOS

Motorola PRO Series Mobile Radios offer users a compact, ergonomic design with optimal mounting flexibility. No matter what PRO mobile you use, you'll enjoy the same exceptional quality and user-friendly functionality.

The PRO Series is composed of 4 robust mobile radios tailored to meet the requirements of almost any organization. They offer crisp, clean audio even in noisy locations or vehicles, thanks to Motorola's X-Pand™ voice technology and a large front-projecting speaker. Telephone/paging capabilities and Motorola's precision-controlled MDC signaling features boost your effectiveness by giving you a wide range of calling options. In addition, customizable buttons can be programmed for quick access to your favorite features.

PRO5100 Radio

PRO7100 Radio

PRO3100 Radio

Microphones and Handsets

Standard Compact Microphone

Standard Compact Microphone provides basic Push-To-Talk functionality and ships with all PRO Series mobile radios.

AARMN4025	Standard Compact Microphone
NNTN4033	Earpiece with Microphone and Remote PTT. Black.

Enhanced Keypad Microphone

Enhanced Keypad Microphone includes a full keypad that enables you to dial phone numbers from the microphone, also has three customizable buttons that can be programmed with any of the control head features.

AARMN4026	Enhanced Keypad Microphone

Heavy-Duty Microphone

Heavy-Duty Microphone for users who want more durability, also ideal for those who need a larger microphone that is easier to handle when wearing gloves.

AARMN4038	Heavy-Duty Microphone

Telephone-Style Handset

Ideal for users wanting to conduct private conversations. Ergonomically-designed, easy to hold. Includes cup and hardware.

AAREX4617	Telephone-Style Handset

Hands Free Accessories

Visor Microphone and PTT Switches

Improve convenience and safety with the Visor Microphone and its compatible hands free transmission options. Small microphone mounts to vehicle's visor for convenient hands free radio operation. Use with choice of external Push-to-Talk switch.

AARMN4027	Visor Microphone

EXTERNAL PTT ACCESSORIES

RLN4857	Pushbutton with Push-to-Talk Can be held in the hand, or mounted to the vehicle with touch fasteners.
RLN4856	Foot Switch with Push-to-Talk Mounts to floor of vehicle
RLN4858	Gooseneck Mount with Push-to-Talk Attaches to vehicle steering column.

Emergency Foot Switch

Lets user notify the base station quickly and discreetly of trouble. Sends signal to station and activates microphone.

RLN4836_R	Emergency Foot Switch Compatible with HMN4089.

AARMN4026
Enhanced Keypad Microphone

AARMN4038
Heavy-Duty Microphone

AAREX4617
Telephone-Style Handset

Control Station:

Turn a mobile into a desktop base station.
Perfect for fleet operators in transportation, construction and public safety industries.

Control Station

The Control Station converts a Mobile two-way radio into an attractive, convenient base station. This makes an ideal communication solution for transportation, manufacturing, construction and public safety users.

The radio mounts into the lightweight, portable chassis, containing a full range of front panel control buttons plus an internal microphone, speaker and power supply. A front connector allows for a range of external audio accessories, including a desk microphone, tone or DC remote adapter and telephone interconnect.

RLN5403	Control Station For PRO series Mobile two-way radios.
	CONTROL STATION ACCESSORIES
RMN5068	Desktop Microphone. Black. Makes transmission easier for base station users, because the mobile microphone does not always have to be picked up. Large Push-to-Talk button.
GLN7318	Desktop Tray Without Speaker. Ideal for securing mobile in place in a desktop environment.
GLN7326	Desktop Tray with Speaker Ideal for securing mobile in place in a desktop environment. Includes speaker for increased volum when receiving calls in high-noise areas.
HPN4008	Power Supply, 1-25W, for low power radios. Power cord included.
HPN4007	Power Supply, 25-60W, for low power radios. Power cord included.
3060665A04	120 volt Line Cord with US Plug
3060665A05	220 volt Line Cord with Euro Plug
3002120F02	240 volt Line Cord with UK Plug
3085801L01	120 volt Line Cord with Argentina Plug

With the Control Station you can convert a PRO Series mobile radio into an attractive, convenient base station. Mobile radio and desktop microphone both sold separately.

PRO Series Mobile Radios

mounting and cables

GLN7317
High-Profile Mounting Bracket

RLN4774
Three-Point Low Band Mount

RLN4781
Direct In Dashboard Mounting Kit

Mounting Brackets

PRO radios are often installed on the dash of a vehicle, and run off its power source. Here are some of the accessories available for mounting your PRO mobile into your vehicle.

GLN7324	Low-Profile Mounting Bracket Keeps radio tucked up under the dash, can also be positioned for floor mount.
GLN7317	High-Profile Mounting Bracket Keeps radio tucked up under the dash, with extra clearance so radio can be tilted for a better view. Can also be positioned for floor mounting.
RLN4779	Key Lock Mount Key lock helps provide extra protection from theft. Lock/unlock radio from position in the mounting bracket.
RLN4774	Three-Point Low Band Mount Three-point Mount provides extra stability for mounting low band radio models.

Direct In Dashboard Mounting Kit

This kit is ideal if you prefer to mount the radio directly into the dashboard for better appearance or to keep it from being an obstruction in the vehicle. Control Head compatible with VHF and UHF only.

RLN4781	Direct In Dashboard Mounting Kit

Remote Mounting Kits

These kits allow you to mount the radio chassis in the trunk or under the seat and mount the control head elsewhere in the vehicle. Ideal for vehicles with no convenient place to mount the radio near the dashboard, or where security is a concern.

RLN4801	Remote Mount
RLN4802	Remote Mount

Remote Mounting Cables

These cables are used to connect the radio chassis to the control head.

RKN4077	3m Remote Mount Cable
RKN4078	5m Remote Mount Cable
RKN4079	7m Remote Mount Cable

Cables to Battery

Cables used to connect the battery to the radio chassis.

HKN4191	High Power Cable, 12 volt, 40-60 watt
HKN4192	Power Cable, 12 volt, 20 foot
HKN9327R	Ignition Switch Cable

Public Address:

External speakers and public address kits are an absolute necessity for high-noise environments and special events.

Speakers and Public Address Kits

College campuses, commercial and industrial complexes, government facilities,military bases, municipal district, local schools and even cities have a great need to be able to communicate with the public in the event of an emergency, public events or festivals. These accessories can help you get the word out whether it's from a vehicle or from a desktop station through speakers at a fixed location.

SPEAKERS

RSN4001	External 13 Watt Speaker Ideal for extreme noise environments.
HSN8145	External 7.5 Watt Speaker Offers a high level of volume output.

PUBLIC ADDRESS

RLN5288	Public Address Kit Includes two cables for mobile connection to public address box and speaker cables. Requires HSN1000 speaker.
HSN1000	Amplified External Speaker for Public Address Audio. 6 Watt. Required for use with RLN5288.
HKN9324_R	Public Address/Speaker Cable 15 foot length. One cable per speaker required.

RLN4829
Replacement Button Kit For PRO3100

Desktop Microphone for base station users, sold separately.

External 7.5 Watt Speaker.

Amplified External Speaker for Public Address Audio Kit.

External 13 Watt Speaker is perfect for noisy environments.

Button Kits

Your PRO mobile radio will last for years but you may need to order replacement buttons occasionally. The following kits offer the most commonly needed replacements.

PRO3100

RLN4829	Replacement Button Kit Includes MON (Monitor) and SCAN buttons.

PRO5100 / PRO7100

RLN4830	Replacement Button Kit Includes ZONE, X-PAND, HI/LO, EMERGENCY, and V STR buttons.
RLN4831	Replacement Button Kit Includes MON (Monitor), SCAN, CALL, PHONE and HOME buttons.

Voice Storage Option Board

Voice Storage Option Board enables you to record and playback memos or incoming radio calls.

AAHLN9725	Voice Storage Option Board

Point-of-Sale:

The Magnetic Credit Card Reader relays data for point-of-sale transactions in the transportation industry and delivery businesses.

RDN6011 With the Master Unit you can stay connected with up to 8 PRO Mobiles, radio sold separately.

Peripherals

Magnetic Credit Card Reader

This Magnetic Credit Card Reader is used to capture card data which is relayed to the mobile data unit for Point-of-Sales transactions, used with Credit Card Processing Software RDN7379. AVL Messaging Status Software (RDN7378) and Programming Software (RDN7374) required.

RDN7371	Magnetic Credit Card Reader
RDN7379	Credit Card Processing Software

The Mobile Printer

The Mobile Printer provides users with a hard copy of the information transmitted from the base dispatch location, for use with Magnetic Credit Card Reader RDN7371. AVL Messaging Status Software (RDN7378) and Programming Software (RDN7374) required.

RDN7373	The Mobile Printer
RDN7374	Programming Software

Positioning Monitors

Allows for remote control and monitoring of equipment and operations through two-way radio systems. AVL Messaging Status Software (RDN7378) and Programming Software (RDN7374) required.

RDN6011	Master Unit Master unit connects to a PRO mobile and can monitor up to 8 separate field units that are connected to PRO Mobiles.
RDN6010	Field Unit Two-way technology is used to monitor equipment and operations, field units will immediately shut down in the event of malfunction.

MISCELLANEOUS ACCESSORIES

RDN7364	Base Modem A radio channel controller and modem that interfaces with the base radio, required with every radio channel or wireless circuit used within the system.
RDN7738	Serial Breakout Unit Needed for multi-channel operations.

PRO Series Mobile Radios

antennas and kits

Wave Base Roof Mount Antennas

The signals for these antennas are radiated vertically, making them ideal for urban environments where buildings might obstruct the signal.

RAB4002_R	29.7-36.0 MHz, 1/4 Wave Base Loaded Roof Mount Antenna
RAB4003_R	36-42 MHz, 1/4 Wave Base Loaded Roof Mount Antenna
RAB4004_R	42-50 MHz, 1/4 Wave Base Loaded Roof Mount Antenna
HAD4006	136-144 MHz, 1/4 Wave Roof Mount Antenna
HAD4007	144-152 MHz, 1/4 Wave Roof Mount Antenna
HAD4008	152-162 MHz, 1/4 Wave Roof Mount Antenna
HAD4009	162-174 MHz, 1/4 Wave Roof Mount Antenna
HAE4002	403-430 MHz, 1/4 Wave Roof Mount Antenna
HAE4003	450-470 MHz, 1/4 Wave Roof Mount Antenna
HAE4004	470-512 MHz, 1/4 Wave Roof Mount Antenna

Magnetic/Roof Mount Antennas

These antennas are designed to direct the signal more towards the horizon, making them ideal for applications in more geographically flat regions where signal coverage is sparse and must cover a larger area.

RAD4000	VHF, Low Band, 140-174 MHz, 3dB Gain Magnetic Mount Antenna
HAD4014	VHF, 144-174 MHz, 3dB Gain Roof Mount Antenna
HAE4010	UHF, 403-430 MHz, 3.5dB Gain Roof Mount Antenna
HAE4011	UHF, 450-470 MHz, 3.5dB Gain Roof Mount Antenna
HAE4012	UHF, 470-495 MHz, 3.5dB Gain Roof Mount Antenna
RAE4004_R	UHF, 440-470 MHz, 5dB Gain Roof Mount Antenna
HAE4013	UHF, 494-512 MHz, 3.5dB Gain Roof Mount Antenna

GPS Antennas

These antennas are used to receive GPS signals.

RDN7372	Fixed Mount GPS Active Antenna
RDN7375	Magnetic Mount GPS Active Antenna

Low Profile Antennas

Compact design is a key feature of low profile antennas.

UHF ANTENNAS

RAE4162	White, 410-430 MHz, 3dB Gain Antenna
RAE4163	Black, 410-430 MHz, 3dB Gain Antenna
RAE4164	Black, 430-450 MHz, 3dB Gain Antenna
RAE4165	White, 430-450 MHz, 3dB Gain Antenna
RAE4166	Black, 470-490 MHz, 3dB Gain Antenna
RAE4167	White, 450-470 MHz, 3dB Gain Antenna
RAE4168	Black, 450-470 MHz, 3dB Gain Antenna
RAE4169	White, 470-490 MHz, 3dB Gain Antenna

VHF ANTENNAS

RAD4207	White, 150-168 MHz, Unity Gain Antenna
RAD4208	Black, 150-168 MHz, Unity Gain Antenna
RAD4209	Black, 142-160 MHz, Unity Gain Antenna
RAD4210	White, 142-160 MHz, Unity Gain Antenna

800 MHz ANTENNAS

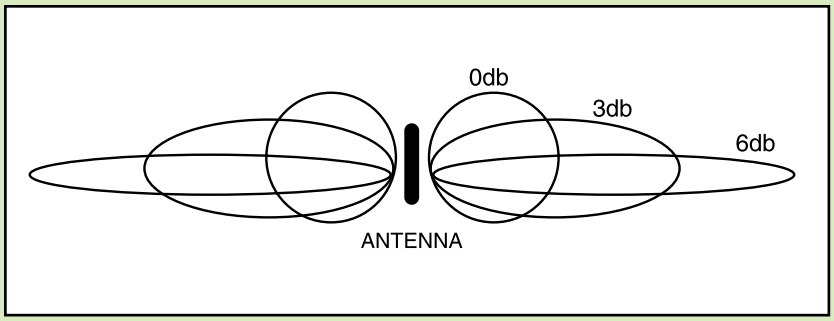
RAF4217	White, 821-896 MHz, 3dB Gain Antenna
RAF4218	Black, 821-896 MHz, 3dB Gain Antenna
RAF4219	Black, 806-866 MHz, 3dB Gain Antenna
RAF4220	White, 806-866 MHz, 3dB Gain Antenna

MOUNTING KITS

3080384M44	Black Magnetic with 12 ft. of RG58A/U Cable, Mini UHF Crimp
3080384M45	Chrome Magnetic with 12 ft. of RG58A/U Cable, Mini UHF Crimp
3080384M48	3/4 Inch Roof Mount with 17 ft. of RG58A/U Cable, Mini UHF Crimp
3080384M46	Chrome Trunk Mount with 17 ft. of RG58A/U Cable, Mini UHF Crimp
3080384M47	Black Trunk Mount with 17 ft. of RG58A/U Cable, Mini UHF Crimp

Mini UHF Crimp is included with RG58A/U cable in our selection of Mounting Kits.

Antennas that radiate vertically are ideal for urban environments. Direct signal antennas are designed for locations where signal coverage is sparse and must cover a larger area.



antenna gain characteristics

The above diagram compares a Unity gain or 0dB antenna with 3dB and 6dB radiation patterns. From the diagram above you can see that it is possible to communicate with a cell site further away. There are a few traps however, these high frequency signals have a tendency to bounce off buildings in built up areas, and off mountains in a valley. This means a high gain antenna is best-used in country areas where wide flat plains are between you and the cell site. In mountainous areas or in city environments where the topography varies considerably, a high gain radiation pattern will not work as efficiently as a unity gain.

Low Profile Antenna Kits

These complete kits make installation easy for multipoint mobile applications. Perfect for service vehicles, public transportation, law enforcement, mining and construction vehicles, as well a numerous other commercial and industrial applications where mobility is a requirement. All kits include a 3/4 inch brass mount with 17 feet of RG58U/U cable.

	UHF ANTENNA KITS
RAE4162_RB	White, 410-430 MHz, 3dB Gain Roof Mount Antenna
RAE4163_RB	Black, 410-430 MHz, 3dB Gain Roof Mount Antenna
RAE4164_RB	Black, 430-450 MHz, 3dB Gain Roof Mount Antenna
RAE4165_RB	White, 430-450 MHz, 3dB Gain Roof Mount Antenna
RAE4166_RB	Black, 470-490 MHz, 3dB Gain Roof Mount Antenna
RAE4167_RB	White, 450-470 MHz, 3dB Gain Roof Mount Antenna
RAE4168_RB	Black, 450-470 MHz, 3dB Gain Roof Mount Antenna
RAE4169_RB	White, 470-490 MHz, 3dB Gain Roof Mount Antenna
	VHF ANTENNA KITS
RAD4207_RB	White, 150-168 MHz, Unity Gain Roof Mount Antenna
RAD4208_RB	Black, 150-168 MHz, Unity Gain Roof Mount Antenna
RAD4209_RB	Black, 142-160 MHz, Unity Gain Roof Mount Antenna
RAD4210_RB	White, 142-160 MHz, Unity Gain Roof Mount Antenna
	800MHz ANTENNA KITS
RAF4217_RB	White, 821-896 MHz, 3dB Gain Roof Mount Antenna
RAF4218_RB	Black, 821-896 MHz, 3dB Gain Roof Mount Antenna
RAF4219_RB	Black, 806-866 MHz, 3dB Gain Roof Mount Antenna
RAF4220_RB	White, 806-866 MHz, 3dB Gain Roof Mount Antenna

PRO Series Elite Portable Two-Way Radios

PRO Series Elite portable two-way radios are the perfect solution for professionals who need exceptional features and functionality.

PRO7150 Elite

PRO5150 Elite

PRO Series Elite

audio

PMMN4022
Remote Speaker Microphone with IP57 Rating

Windporting Remote Speaker Microphones

The Windporting feature of these microphones helps lessen background noise from high winds and other severe weather conditions. Audio can pass through the speaker grill even when the microphone port is blocked by water. Now public safety professionals can be more confident than ever of clear, understandable communication when Mother Nature is uncooperative. The Windporting Remote Speaker Microphones allow talking and listening without removing the radio from the belt or case. Both have a coiled cord, Push-to-Talk switch, swivel clip, and quick disconnect latch.

PMMN4022	Remote Speaker Microphone with 3.5mm Audio Jack
PMMN4023	Remote Speaker Microphone with IP57 Rating

Remote Speaker Microphone Accessories

These accessories are to be used with remote speaker microphone PMMN4022 using 3.5mm Adapter.

AARLN4885*	Receive-Only Covered Earbud
RLN4941*	Receive-Only Earpiece with Translucent Tube and Rubber Eartip
WADN4190*	Receive-Only Flexible Earpiece
PMLN4620	D-Style Earpiece with 3.5mm Plug. Receive only.

Clear Comfortable Earpieces

These earpieces form to the inside of the ear and are perfect for low-noise environments. Made of easy-to-clean, chemically-inert, hypo-allergenic material. Compatible with Noise and Surveillance Kits.

RLN4760	Small Custom Earpiece - Right Ear
RLN4761	Medium Custom Earpiece - Right Ear
RLN4762	Large Custom Earpiece - Right Ear
RLN4763	Small Custom Earpiece - Left Ear
RLN4764	Medium Custom Earpiece - Left Ear
RLN4765	Large Custom Earpiece - Left Ear

PMLN4620
D-Style Earpiece

An earphone jack located on the microphone head allows the user to receive discreet audio when used with the earpieces shown here.

AARLN4885
Receive-Only Covered Earbud

RLN4941
Receive-Only Earpiece

WADN4190

Receive-Only Flexible Earpiece

From left to right, top to bottom:

RLN4765
RLN4762
RLN4764
RLN4761
RLN4763
RLN4760

*Intrinsically Safe (FM).

Surveillance Kits:

Surveillance accessories allow users to receive messages through the earpiece and are ideal in environments that require discreet communication.

Surveillance Kits

Surveillance accessories allow the radio user to privately receive messages with the earpiece and are ideal when environments require discreet communication. These surveillance accessories require the 3.5mm threaded audio adapter PMLN4455, unless being used with a speaker microphone.

1-WIRE SURVEILLANCE KITS

BDN6664*	Receive-Only Earpiece with Standard Earphone (1-Wire). Beige.
BDN6665*†	Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire). Beige.
BDN6726*	Receive-Only Earpiece with Standard Earphone (1-Wire). Black
BDN6727*†	Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire). Black
BDN6666*†	Receive-Only Earpiece with Volume Control and Earloop (1-Wire). Beige.
BDN6728*	Receive-Only Earpiece with Volume Control and Earloop (1-Wire). Black.

2-WIRE SURVEILLANCE KITS

BDN6667*	Earpiece with Microphone and PTT Combined (2-Wire). Beige.
BDN6669*†	Extra Loud Earpiece with Microphone and PTT Combined (2-Wire). Beige.
BDN6729*	Earpiece with Microphone and PTT Combined (2-Wire). Black.
BDN6731*†	Extra Loud Earpiece with Microphone and PTT Combined (2-Wire). Black.

3-WIRE SURVEILLANCE KITS

BDN6668*	Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Beige.
BDN6670*†	Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Beige.
BDN6730*	Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Black
BDN6732*†	Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Black
PMLN4455*	3.5mm Audio Adapter

BDN6664
Receive-Only Earpiece with Standard Earphone

BDN6667
Earpiece with Microphone and PTT Combined

*Intrinsically Safe (FM).
† Extra loud earphone (exceeds OSHA limits).

Disconnect Noise Kits

Extreme Noise Kits provide extra comfort and/or noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to Motorola surveillance accessories to provide flexibility and comfort, which now includes a new quick disconnect adapter. The Quick Disconnect Adapter allows users, especially those in multiple shift operations, to easily remove or alternate acoustic tubes. Clothing clip prevents accessory from being pulled from the ear due to body movement or head rotation. For optimal performance, Extra Loud Earphones are recommended.

RLN6230	Quick Disconnect Extreme Noise Kit. Includes 2 foam earplugs For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Black.
RLN6231	Extreme Noise Kit. Includes 2 foam earplugs For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Beige.
RLN6232	Quick Disconnect Low Noise Kit - Clear Acoustic Tube Assembly Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Black.
RLN6241	Low Noise Kit - Clear Acoustic Tube Assembly Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Beige.
5080369E39†	Extra Loud Earphone. Beige.
5080370E91†	Extra Loud Earphone. Black.

REPLACEMENT ACCESSORIES

RLN6242	Quick Disconnect Acoustic Tube Replacement
5080384F72	Foam Plugs. Noise reduction = 24dB. Pack of 50 For RLN6230 and RLN6231.
5080370E97	Standard Clear Rubber Eartips. Pack of 25 For RLN6232 and RLN6241.

† Extra loud earphone (exceeds OSHA limits).

RLN6230 Extreme Noise Kit

RLN6241 Low Noise Kit

Completely Discreet Earpiece

Enables users to communicate with ease, in full privacy, without visible equipment. This miniaturized receiver is discreetly hidden in the ear, where it can be worn comfortably for long periods of time. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. Average battery life is approximately 100 hours and includes an end-of-life warning signal when the battery needs to be changed. Kit includes wireless receiver, inductive neckloop, 6 spare batteries and 5 spare earguards. For use with any standard 2 or 3-Wire Motorola Surveillance Kit.

RLN4922	Completely Discreet Earpiece Kit
RLN4919	Replacement Earguards. 5 per pack.
RNN4055	Replacement 1.4 Volt Batteries. 6 per pack.

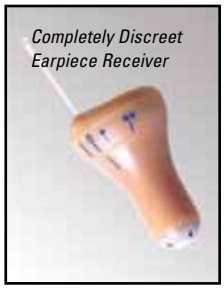
RLN4922 Completely Discreet Earpiece Kit

Flexible Ear Receiver

This receive-only earpiece contains a flexible earloop and speaker which rests external to the ear. It plugs directly into adapter or the earjack on speaker microphones.

BDN6719	Flexible Ear Receiver Requires Audio Adapter PMLN4455.
PMLN4455	3.5mm Audio Adapter
7580372E11	Replacement Foam Ear Cushion

The Completely Discreet Earpiece is easy to use. Simply remove the earpiece from any standard 2 or 3-Wire Motorola Surveillance Kit and plug in the neckloop, which is easily hidden under clothing. Security personnel will be able to wear this tiny receiver comfortably for hours at a time!



Completely Discreet Earpiece Receiver

BDN6719 Flexible Ear Receiver

Temple Transducer

The Temple Transducer represents a significant achievement in headset design and functionality. It allows the user to receive audio without covering the ear. The receiver portion of this accessory rests on the temples and is capable of converting the receive audio from a two-way radio into sound vibration. Sound vibration is transmitted through the surrounding tissue and bone directly into the inner ear. It features an In-line PTT and noise-cancelling boom microphone. The Temple Transducer can help enhance communication and safety by allowing external sounds, such as machinery and equipment, warning and fire alarms, the intercom, traffic and even casual conversations with co-workers. In high-noise environments it allows the use of earplugs. Compatible with PRO Series Elite radios.

PMLN4585*	Temple Transducer
0180305J46	Training CD-ROM. For EMS and Temple Transducer.

Temple Transducer:

Representing a significant achievement in headset design and functionality, it allows the user to receive audio without covering the ear.

PMLN4585
Temple Transducer

*Intrinsically Safe (FM).

JMMN4066
Lightweight Headset with Boom Microphone

Pellet-Style Earpieces

Pellet-style earpieces allow users to receive communication discreetly and are comfortable for extended-wear use.

PMLN4519*	Earbud with Microphone and Push-to-Talk Requires adapter PMLN4455.
PMLN4455	3.5mm Audio Adapter
7580372E70	Replacement Foam Cushion for Pellet Earpieces

RLN5590
Lightweight Headset with Swivel Boom Microphone

*Intrinsically Safe (FM).

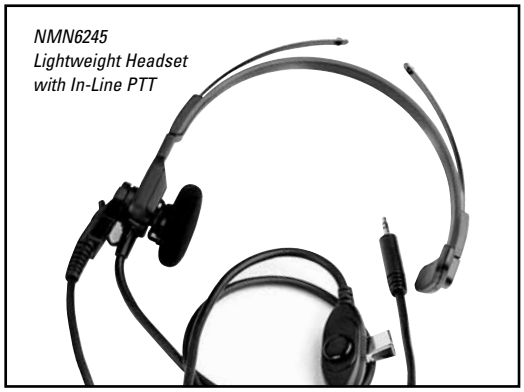
PRO Series Elite

audio

Lightweight Headsets

Lightweight headsets provide high-clarity, hands free, discreet two-way communication, while maintaining the comfort necessary for extended-wear in moderate noise environments.

NMN6245*	Single-Muff, Adjustable, Lightweight Headset with In-Line PTT Switch and Boom Microphone. Earbud style. Requires audio adapter PMLN4455.
NMN6246*	Ultra-Lightweight Headset with Boom Microphone, In-Line PTT Switch. Earbud style receiver. Requires audio adapter PMLN4455.
JMMN4066*	Single-Muff, Adjustable, Lightweight Headset with Boom Microphone, In-Line PTT Switch
RLN5590	Lightweight Headset with Swivel Boom Microphone, no In-Line PTT Switch
PMLN4455	3.5mm Audio Adapter



NMN6245
Lightweight Headset with In-Line PTT

NMN6246
Ultra-Lightweight Headset with Boom Microphone

PMLN4519
Pellet-style earpieces allow users to receive communication discreetly and are comfortable for extended-wear use.

*Intrinsically Safe (FM).

The D-Style Earset:

The D-Style Earset is comfortable and has a sleek appearance. Ideal for Hospitality, Retail, Education and Private Security teams.

PMLN4657
D-Style Earset

D-Style Earset

The D-Style Earset is designed to ensure comfort of use while providing an elegant, sleek appearance. This lightweight, comfortable earset can be worn on either ear and allows for hands free communication with excellent audio clarity through the large speaker. Includes a flexible boom microphone and In-line Push-to-Talk button with built-in VOX switch for ease or use. The earset is ideal for users in Hospitality, Retail, Event Coordination, Education and Private Security industries.

PMLN4657	D-Style Earset with Flexible Boom Microphone, In-Line Push-to-Talk and VOX Switch

D-Style Earsets are designed for front line personnel and coordinators where projecting a professional image is as important as reliable, seamless communication.

PRO Series Elite

audio

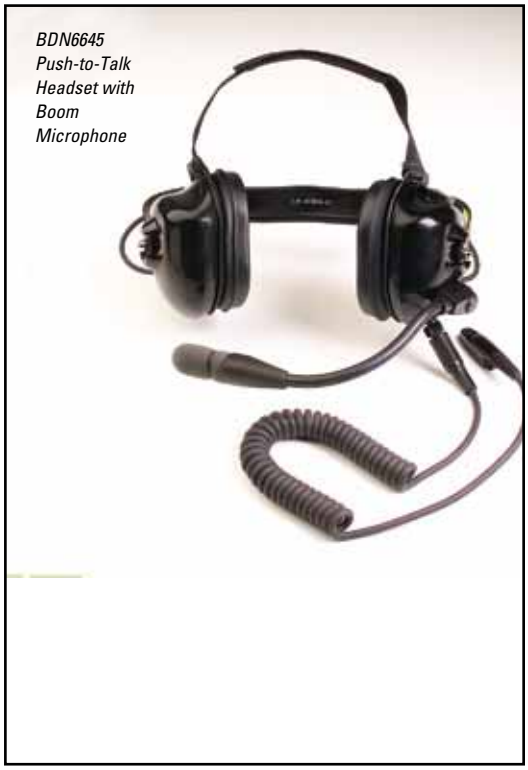
RMN5015
Racing Headset

Racing Headset

This heavy-duty headset can be worn with most hardhats. It's ideal for high-noise environments, racing teams like CART® use it in the pits for dependable communication. Adapter required, sold separately.

RMN5015	Racing Headset
RKN4093	Adapter Cable for RMN5015

The same winning quality and dependability you see at professional football stadiums and motor speedways can be yours with the Motorola Racing Headset.



BDN6645
Push-to-Talk
Headset with
Boom
Microphone

Heavy-Duty Headset

Includes a noise-cancelling boom microphone and can be worn with or without a hardhat. The Push-to-Talk switch is located on the earcup. Requires adapter RKN4093, sold separately.

BDN6645	Push-to-Talk Headset with Boom Microphone. Noise reduction = 24dB.
RKN4093	Adapter Cable

*Intrinsically Safe (FM).

Carry Accessories:

You'd be surprised how much time can be saved when a radio is always in the same place — made easy by this versatile case selection of Motorola Original® carry accessories.

carry accessories

Carrying Cases

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Belt loop and nylon cases feature "D" rings that allow the cases to be attached to a carrying strap.

PRO5150 ELITE CASES

PMLN4421	Soft Leather Carry Case with fixed Swivel Clip — The case protects the radio while allowing audio to be heard clearly
PMLN4471	Hard Leather Display Carry Case with Swivel and D-Rings
PMLN4470	Nylon Case with Belt Loop and D-Rings

PRO7150 ELITE CASES

PMLN4520	Hard Leather Display Carry Case with Swivel and D-Rings
PMLN4521	Soft Leather Carry Case with Fixed Swivel Clip and D-Ring

CARRY ACCESSORIES

JMZN4023	Plastic Carry Holster with Swivel Belt Clip Lightweight carry holster provides a convenient means for carrying the radio; the swivel belt clip allows rotation of the radio to a comfortable position.
JMZN4020	Radio Handstrap Attaches to the radio allowing it to be worn around the wrist.
4200865599	1.75 Inch Wide Black Leather Belt For all models.
NTN5243	Adjustable Black Nylon Carrying Strap Attaches to "D" ring on case.

WATERPROOF BAG

HLN9985	Waterproof Bag Includes large carrying strap.

MISCELLANEOUS

JMLN4638	Accessory Dust Cover Protects the audio side connector.

NTN5243
Adjustable Black Nylon Carrying Strap

PMLN4421 Soft Leather Carry Case with fixed Swivel Clip, radio sold separately.

PMLN4520 Hard Leather Carry Case

JMZN4023 Plastic Carry Holster with Swivel Belt Clip shown with Accessory Dust Cover JMLN4638.

PRO Series Elite carry packs

Universal Chest Pack

Motorola Original® Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. Universal Chest Pack fits most radios.

HLN6602	Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch
1505596Z02	Replacement Strap for HLN6602

HLN6602 Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

Break-A-Way Chest Pack

All the features of the original Universal Chest Pack (HLN6602) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

RLN4570	Break-a-Way Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch.
1505596Z02	Replacement Strap for RLN4570

RadioPAk™

The RadioPAk is lightweight and comfortable. Worn around the waist, it keeps radios/phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.

RLN4815	RadioPAk Radio/Utility Case
4280384F89	RadioPAk Extension Belt For waists larger than 40 inches.

RLN4815 RadioPAk

Unlike rigid holders, the universal-fit RadioPAk is lightweight and comfortable. An ideal companion for two-way radios, as well as iDEN® portables and cellular phones.

Motorola Original® Batteries:

Motorola batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance.

JMNN4023_R and JMNN4024_R Motorola Original® Batteries

batteries

Motorola Original® Batteries

Motorola Original® Batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance. We offer various chemistry and capacity alternatives, allowing the user to select the ideal battery for his or her needs. NiCd is best suited for extreme-temperature operation, and provides the maximum number of charge/discharge cycles. Li-Ion batteries offer extended duty cycles – providing more talk time per shift.

	PREMIUM LITHIUM ION - Li-Ion
JMNN4023_R	1000 mAh, 7.5V (Slim)
JMNN4024_R	1300 mAh, 7.5V
JMNN4073_R	1400 mAh, FM Li-Ion, 7.5V, IP67, Ruggedized
JMNN4074_R	1400 mAh, Li-Ion, 7.5V, IP67, Ruggedized
PMNN4073	Li-Ion Battery, IP67, Intrinsically Safe (FM)

antennas

Stubby Antennas

Stubby antennas are ideal when the radio is worn on the belt because they are short and non-obtrusive. These rugged, helical antennas feature a capless sheath that allows for maximum flexibility.

NAD6502

NAE6843_R

PMAD4012	VHF Stubby Antenna, 136-155 MHz, 3.5 Inch
PMAD4025	VHF Stubby Antenna, 150-161 MHz, 3.5 Inch
PMAD4013	VHF Stubby Antenna, 155-174 MHz, 3.5 Inch
PMAE4002	UHF Stubby Antenna, 403-433 MHz, 3.5 Inch
PMAE4006	UHF Stubby Antenna, 465-495 MHz, 3.5 Inch

Flexible Whip Antennas

Flexible Whip Antennas have a one-piece finish, steel core, and spiral wound conductor for optimal radiation characteristics.

PMAD4013

8504762J01	VHF Whip Antenna, 136-155 MHz, 5.5 Inch
PMAD4023	VHF Whip Antenna, 150-161 MHz, 5.5 Inch
8504762J02	VHF Whip Antenna, 155-174 MHz, 5.5 Inch
NAE6483_R	UHF Flexible Whip Antenna, 403-520 MHz, 6 Inch
NAD6502_R	VHF Whip Antenna, 150-162 MHz, 6 Inch
NAD6579	VHF Whip Antenna, 148-161 MHz, 7.5 Inch

PRO Series

chargers

AAHTN3000
Single-Unit,
Rapid-Rate
Charger

Single Unit Rapid-Rate, Universal Chargers

Single Unit Chargers can rapidly charge batteries on or off the radio in one to three hours. These tri-chemistry chargers feature rapid, trickle, and maintenance modes. The maintenance mode "revert to rapid" feature ensures batteries remain fully charged even when left on the charger for extended periods of time. All chargers are specifically designed to meet the requirements of batteries manufactured by Motorola.

AAHTN3000	Single-Unit, Rapid-Rate Charger, 120 Volt, US plug

WPLN4187
IMPRES
Multi-Unit Charger

IMPRES™ Multi-Unit, Rapid-Rate Charger

Through the use of advanced charging algorithms and automatic reconditioning features, the IMPRES Smart Energy System ensures maximum talk-time and optimized battery cycle life. This smart energy system automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. Talk-time and cycle life are optimized and the need for manual maintenance programs is eliminated. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring the damaging heat build-up which can decrease battery cycle life. In addition, batteries left in the charger are kept fully charged so they are always ready when needed. This rapid-rate, tri-chemistry charging system will also charge compatible non-IMPRES batteries including Expert Series non-IMPRES batteries and supports multiple radio platforms.

WPLN4187	IMPRES Multi-Unit Charger, 120V - US
WPLN4188	IMPRES Multi-Unit Charger, 220V - Euro
WPLN4189	IMPRES Multi-Unit Charger, 240V - UK
NLN7967	Wall Mount for Multi-Unit Chargers

WPLN4079_R
6-Station Battery
Maintenance System[PLUS]

Battery Maintenance System[PLUS] – BMS[PLUS]

Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMS[PLUS] is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-Ion batteries (Li-Ion 6-station units only) and tracks better voltage and capacity (mAh). Its easy-to-use design supports hundreds of two-way, cellular and camcorder batteries. The BMS[PLUS] has a 3-year warranty and includes serial printer* port (RS-232).

WPLN4079_R	6-Station BMS[PLUS] 120V, AC, 50/60 Hz, US Plug
WPLN4080_R	6-Station BMS[PLUS] 230V, AC, 50/60 Hz, Euro Plug
WPPN4085_R	BMS[PLUS] Li-Ion Field Upgrade Kit. Upgrades WPLN4079_R, and WPLN4080AR. Allows units to support Li-Ion batteries.
NDN4005	3-Station BMS[PLUS], 120V, AC, 50/60 Hz Does not support Li-Ion or 3-cell batteries.
NDN4006	3-Station BMS[PLUS], 230V, AC, 50/60 Hz Does not support Li-Ion or 3-cell batteries.

*Compatible with STAR Micronics SP200 Series printers (and other printers with STAR emulation); available from any STAR Micronics distributor.

BMS[PLUS] Adapters

WPPN4079_R	Adapter For NiCd and NiMH batteries.
WPPN4080_R	Adapter For NiCd, NiMH, and Li-Ion batteries. Requires Li-Ion capable BMS[PLUS].

Battery Optimizing System II:

Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

WPLN4124_R
4-Station BOS II

Battery Optimizing System II – BOS II

No other battery analyzer matches the speed, accuracy, versatility and ease-of-use of the BOS II in providing powerful analyzing capabilities. Users can select from 12 pre-programmed service programs making it quick and easy to get up and running. Because the BOS II is programmable, users can create custom programs to perform a wide variety of tasks specific to individual needs. New enhancements include new navigation keys and an improved, more intuitive menu system. Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

- Support for NiCd, NiMH, Li-Ion, and SLA batteries 100W Power Supply programmable from 100 mAh to 4 Amps per station
- Interchangeable Adapters accommodate all major brands
- Includes a variety of User Programs and allows customizable programming
- Proprietary Recondition Cycle restores NiCd and NiMH batteries
- Increased processing power and testing resolution – including a Three-minute Quicktest™ that measures the batteries' State of Health (SoH) Printer Output for reports and labels
- Three-year Warranty

WPLN4124_R	BOS II, 4-Station, 90-264V, AC, US Plug. Adapter Plates Required.
WPLN4125_R	BOS II, 4-Station, 90-264V, AC, Euro/UK Plug. Adapter Plates Required.

BOS Adapters

RL-76345	Standard Adapter for BOS I
RL76340	Standard Adapter for BOS II
RL-77255	Standard Adapter for BOS II. For Li-Ion batteries.

MOTOROLA

motorola.com/radiosolutions

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LE-ACCY-PROSERIES-01/08

STREAMLINED SOLUTIONS FOR A SINGLE RADIO OR ENTIRE FLEET

Every Motorola Professional Series portable and mobile radio can be customized to suit your current and future communication needs.

All Motorola Original® accessories are built to the highest standards of quality, and are specially engineered to perfect complement your radio's performance.

So don't wait any longer to increase your productivity with optimum two-way radio performance. Call now for more information.